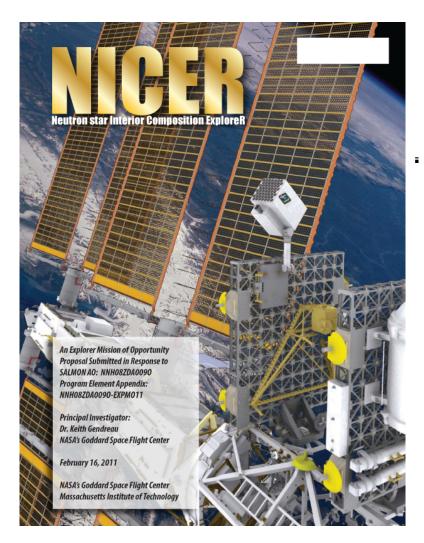


It used to be NICE, but now it is



NICER: NEUTRON STAR INTERIOR COMPOSITION EXPLORER

Principal Investigator:

Deputy PI:

Instrument Manager:

Keith Gendreau Zaven Arzoumanian

Sridhar Manthripragada



NICER Mission Overview

Astrophysics on the International Space Station: Understanding ultra-dense matter through soft X-ray timing

- Science: A proposed International Space Station (ISS) payload dedicated to the study of neutron stars—a fundamental investigation of extremes in gravity, material density, and electromagnetic fields.
- Spacecraft: Hosted on the ISS Express Logistics Carrier
- Launch: CBE= August 2016
- **Duration:** 18 (min.12) months
- Team: NASA GSFC, MIT. Science co-Is from USRA, UMCP, UMBC, NRL, University of Arizona, McGill, SUNY, MSU, F&M, NRAO, UNAM.

